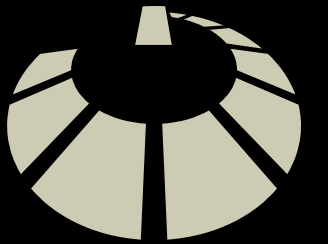
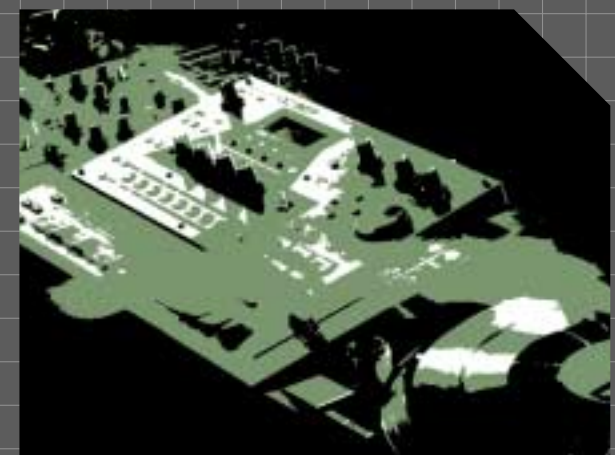


ROLAND/BOSS GROOVE GEAR



ROLAND/BOSS
GROOVE GEAR



Roland® **BOSS®**

Visit us online at <http://www.roland.co.jp/>
<http://www.bosscorp.co.jp/>
<http://www.rolandgroove.com/>



D2
SP-303

MC-307
SP-808EX

MC-505
EF-303

DR-202
VP-9000

SP-505
V-Producer

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Roland® **BOSS®**

What Top DJs and Producers Are Saying About Roland Gear



P.001

P.002

File/001

Armand Van Helden

"The VP-9000 is gonna be the way of the future with sampling. It's gonna make sampling even more creative, so instead of me just looping a record I can manipulate it to the point that it's not even that record any more. And this is just me going with two hands and twisting two knobs."



File/002

Bad Boy Bill

"The MC-505 is just a monster! There's so much you can do. I can filter stuff. I can tap the tempo, so I can get it right in beat with whatever mix I'm doing. You can filter and use the D-Beam on certain sounds, and you've also got these gating/slicing effects. I'm just totally blown away."



File/009

Josh Wink

"The thing I love about the VP-9000 is it's all realtime processing. And it's really cool that you can get all the different parameters—you know, the pitch, time, formant and groove—and have all these separately controlled by the three dedicated knobs."



File/010

Ken Ishii

"Roland's Groove gear series seem to have been playing an important role for young kids to get interested in creating dance music. Not only for beginners but it works very well for professionals like myself for live and DJing."



File/003

BT (of a.k.a. Brian Transeau)

"My favorite thing about the MC-307 is the ease of use and top-quality sounds. In the studio I am using it primarily as a sound source, but Turntable Emulation kicks ass for use live. That's why I can't wait to take it with me on the road—a wicked and well-implemented idea!"



File/004

Chris Cox (of Thunderpuss)

"The HPD-15 is such a great concept. I like programming by not using keyboards, and I'm constantly doing stuff with my fingers and hands. The beauty is that you get the human element and human groove, combined with static computer grooves. And the sounds are really fresh and organic. It's absolutely amazing and totally inspiring!"



File/011

Roger Sanchez

"What I like about the SP-808 is that if you're quick enough you can sample and create something while you're playing. And the D-Beam, which I use for controlling filtering and sweeps, adds an interesting dynamic on the floor. It's very, very cool."



File/012

Susumu Yokota

"The EF-303 is not only great for gigs; it gets me started when writing new songs."



File/005

Co-Fusion/ATOM

"I use my SP-808EX mainly for gigs and it doesn't matter what's going on: it's the king when it comes to functions and capabilities. It can handle anything. I compose lots of new songs on the spot, all the time!"
——Heigo Tani



File/006

DJ Shufflemaster

"The first keyboard I ever bought was a Roland. Since then I have always had a Roland in my arsenal."



File/013

Takkyu Ishino (of Denki Groove)

"GO! Innovator of Techno device, Roland GO!"



File/014

Towa Tei

"The VP-9000 has already inspired me to write several new songs. The VP has its own unique sound and I apply that feeling and texture whenever I want. Peace."



File/007

Johnny Vicious

"The sounds that come out of Roland gear definitely help me make my sound. It's a backbone, and it just takes my sound to a different level. What's good about it is you can change it... you can keep finding different things and different sounds. I'm definitely glad Roland's around!"



File/008

Jonathan Peters

"I always try to go further and break the boundaries. That's why the EF-303 is a great thing for me when DJing—because it gives me something else to do. It's definitely in the right direction as far as taking it to another level, and the sound quality is better than [competitor's DJ effects processors]."



MC-307
Groovebox™

P.005



MC-505
Groovebox™

P.007



SP-808EX
e-MIX STUDIO™

P.015



EF-303
GROOVE EFFECTS

P.017



VP-9000
VARI-PHASE™ PROCESSOR

P.019



HPD-15
HANDSONIC™

P.020

A World of Groove at Your Fingertips.



REAR VIEW



PRESET PATTERN

EuroTrance (10)	DetroitTechno (6)	EuroBeat (3)	Chicago House (2)	R&B (14)
Progressive House (6)	Minimal (7)	HappyHardcore (3)	Filter Disco (2)	HipHopEast (10)
Psy Trance (5)	New Electro (4)	Gabba (3)	House (13)	G-Funk (4)
HardTrance (5)	Ambient (4)	UK HardHouse (8)	Garage House (6)	Abstract (6)
Trance (7)	NU-NRG (5)	US HardHouse (8)	2-step (6)	Drum'n'Bass (10)

Professional Sounds and Patterns

If you're looking for sounds and patterns guaranteed to work a dance floor, the D2's got the goods. Its 64-voice sound engine is loaded with all the classic and modern sounds needed to produce anything from hip-hop to house, trance and 2-Step. You get 600 patches and 30 drum kits, plus 157 Preset patterns which can be remixed on the fly using Megamix. And with 232 RPS (Realtime Phrase Sequence) patterns, you don't need musical training to sound like a pro.

The Ultimate Realtime Controller

Take control of your mix with the new D-Field. This touch-sensitive multi-pad can be used for a variety of functions sure to enhance any live performance. Use the D-Field to call up patterns or trigger RPS patterns, arpeggios and sounds—even turntable effects like scratching—all with the touch of your finger. You can even trace the D-Field surface to control effects parameters, create filter sweeps, or create snare rolls when using a circular motion. It makes a great MIDI controller!



Easy Pattern Creation

Non-musicians will appreciate how simple creating new patterns can be on the D2. Whether you choose to record in real time or via step entry, the D-Field (along with 32 LEDs) makes the process quick and easy. Just select Step REC and use the D-Field or Value dial to enter the note number, type, velocity and length. Then capture all your realtime D-Field movements—like filter cutoff and effects adjustments—while recording your performance to the beat.

Onboard DJ and Groove Effects

Whether rockin' a preset pattern or one of your own, the D2's onboard effects give you the tools to spice up any mix. Three independent effects processors kick out a total of six types of reverb, two types of delay, and 25 killer multi-effects ranging from subtle to extreme. So whether you want hard compression for in-your-face drums or a bit of Lo-Fi processing or Vinyl Simulation for that dirty, old-skool sound, you'll find it in the D2. Trust us, this box rocks!

CONNECT AT THE SPEED OF SOUND.
A WORLD OF MUSIC AWAITS.

The Groovebox That Feels
Like a Turntable!



REAR VIEW



PRESET PATTERN

Psy Trance (10)	Dream Trance (10)	Latin House (3)	NewJackSwing (2)	Jazz (5)	Plena (1)
Trance (8)	NU-NRG (5)	UK HardHouse (10)	Artcore (5)	Lounge (5)	Son (2)
Minimal (12)	Gabba (7)	Progressive (6)	JazzStep (5)	Reggae (5)	Mozambique (1)
DetroitTechno (9)	HappyHardcore (5)	HipHop East (12)	Drum'n'Bass (4)	Salsa (1)	Cumbia (2)
New Electro (5)	Garage House (7)	G-Funk (8)	HardStep (3)	Samba (1)	
Early Techno (5)	House (8)	Abstract (5)	Darkcore (4)	Merengue (2)	
Industrial (5)	Chicago House (6)	Electro (5)	Jungle (3)	ChaCha (2)	
Ambient (6)	US HardHouse (12)	R&B (5)	BreakBeats (7)	Mambo (3)	

More Waves Than a California
Beach

While the MC-307 is our mid-level Groovebox, it delivers more waveforms and patches than any other model. You get lots of tasty, dance-oriented sounds with 800 Preset patches and 40 drum kits. These patches include everything from floor-pounding bass to fat synth leads and more. Of course, there's also plenty of fresh patterns—240 to be exact—covering everything from techno and house to hip-hop and drum 'n' bass. These patterns aren't for the weak!

Ultra-Intuitive Interface

Getting around this performance-oriented Groovebox couldn't be easier, thanks to a graphic LCD with helpful icon- and soft-key based navigation. So instead of having to hunt through menu after menu, you can simply press one of four function buttons and use the MC-307's assignable control knobs to edit parameter values. Even if you've never worked with electronic musical instruments before, you'll be flying on the MC-307 in no time.

Turntable Emulation and Grab
Switch

Using a Groovebox live is now as easy as mixing on a turntable. With the MC-307's Turntable Emulation feature, you can adjust a pattern's tempo and/or pitch using a long-throw slider designed to operate and feel just like a DJ turntable. You can even "push" a pattern forward or "hold" it back using convenient push-buttons. A spring-loaded Grab switch lets you create interesting rhythmic effects using one of the onboard multi-effects. Try it and you'll be hooked.



Killer Performance Features

Even if you don't play music, you can create some wicked grooves with the MC-307's onboard Arpeggiator and Realtime Phrase Sequence (RPS) functions. Power on the arpeggiator to kick out anything from bass lines to piano chords and trancey acid lines, or use RPS to trigger complete musical phrases by pressing the MC-307's keys. And when you're ready to create a User pattern, just select the new TR-REC function to program beats and music using an easy-to-visualize grid-style interface.

GROOVE NATION.

TRANSMITTING FUTURE RHYTHMS 24/7.

The Worldwide Standard.



REAR VIEW



PRESET PATTERN

Psy Trance (18)	Rave (7)	Darkcore (6)	HipHop Early (8)	Happy Handbag (5)	Salsa (5)
Trance (9)	Dream Pop (3)	Hard Step (4)	NewJack Swing (2)	Euro Beat (2)	Songo (1)
NU-NRG (6)	Rock (8)	Tech Step (3)	Miami Bass (2)	Latin House (5)	Samba (1)
Epic Trance (3)	Industrial (8)	Jazz Step (5)	HipHop Jazz (3)	Funk (7)	ChaCha (1)
Minimal (12)	Electro (2)	Ragga/Jungle (5)	HipHop Soul (4)	Jazz (5)	Merengue (1)
DetroitTechno (6)	AmbientTechno (6)	HipHop East (10)	House (7)	Dance Hall (5)	Mambo (2)
Gabba (5)	Artcore (5)	HipHop West (9)	Garage House (6)	Lovers (2)	
HappyHardcore (5)	Drum'n'Bass (6)	Abstract (11)	Hard House (10)	Reggae (2)	

The Foundations of Groove

The MC-505 is Roland's professional Groovebox with all the sounds and patterns groove musicians need to create fresh dance tracks. It comes with 512 Preset patches and 26 drum kits including Junos, Jupiters—and of course—the heralded TB-303, TR-808 and -909. Beyond these dance essentials, the MC-505 also provides 248 Preset patterns programmed by top DJs and producers. From drum 'n' bass to house, trance, Latin and hip-hop, the MC-505 has the bases covered and even lets you create new styles of music with its Megamix feature.

Tweaker's Delight

Do you like lots of knobs and sliders? Then you'll love the MC-505's user interface. It's got 12 knobs for adjusting cutoff, resonance, LFOs, effects parameters and more; there's even analog-style sliders for adjusting envelopes. Best of all, the centrally located Part Mixer gives you independent slider adjustment of part levels and mixer parameters along with dedicated Mute buttons, so you can create instant remixes especially when using Megamix. These sliders and knobs also make navigating and editing the MC-505 a snap.

The Amazing D-Beam

For the ultimate in realtime control, the MC-505 comes equipped with the light-sensing D-Beam Controller. This amazing technology lets you use hand and body movements to tweak the MC-505's filters, mute patterns, ad lib solos, or even slow down a pattern like a turntable when its power is suddenly turned off. And with three synchronizable effects processors—including Reverb, Delay and Multi-Effects—you can create just about any sound imaginable. There's even a Low Boost control when you really want to make those speakers rumble.



Six Outputs and SmartMedia Storage

Studio musicians and live performers alike will appreciate the MC-505's multiple output jacks. These 1/4-inch outputs can be configured as three stereo pairs or as a stereo pair with four mono outputs—making it easy to route individual patches and sounds to separate mixer channels for further EQ and effects processing. And with a rear-panel SmartMedia slot, you've got room to store all the User patches and patterns you need with instant recall. This Groovebox is pro all the way!



The pulse of electronica.

Better grooves through circuitry.

Prescription for Groove.



REAR VIEW



PRESET PATTERN

- Hip-Hop1 (49; Medium tempo hip-hop; East/West coast)

Hip-Hop2 (34; Up-tempo hip-hop; new jack swing, old school)

Hip-Hop3 (36; Slow tempo hip-hop; trip hop, abstract)
- Jungle (16)

Drum'n' Bass (51)

Techno (51)
- House (36)

Acid Jazz (39)

Latin (24)
- Rock (34)

Other (30)

Beats and Bass Lines

Tired of drum machines that don't have the sounds required to throw down wicked beats? It's time to see the Doctor. The compact DR-202 gives you 207 drum sounds and 128 kits with plenty of attitude for programming hip-hop, house or whatever kind of groove you're into. (Junglists will really dig the Roll function with 68 Preset drum roll patterns). There's also 49 bass sounds which can be played to scale using the DR-202's 13 pads. And with 400 Preset patterns, you can start bumpin' phat jams right away.

Totally Tweakable

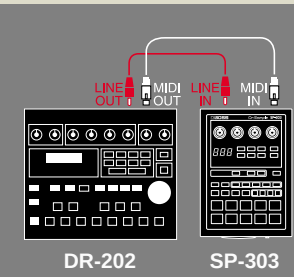
The DR-202 doesn't just play back patterns; it lets you modify grooves in real time using analog-style knobs. For example, you can add distinct filtering to a pattern by twisting the Cutoff and Resonance knobs. Or change the sustain of a drum or bass sound with the Decay knob. A Low Boost/Cut knob lets you pump or drop the bass. You can even tweak the DR-202's onboard reverb/delay and flanger effects. We're talkin' massive realtime control!

Onboard 3-Track Sequencing

With three separate recording tracks (one for drums, one for bass, and an external track for a sampler or other MIDI device), the DR-202's onboard sequencer is all you need to create bold new grooves. You can record in real time or via step entry, while taking advantage of a helpful Quantize function that automatically corrects your timing. There's even a special Groove Quantize feature with Swing for creating a more human-like feel.

Partners In Crime

Pair up the DR-202 with an SP-303 Dr. Sample and you've got a powerful combination of drums, bass and sampling in two affordable boxes. Best of all, you can use the DR-202's external sequence track to trigger samples in the SP-303 via MIDI. Additionally, the compact Dr. Groove offers a choice of A/C or battery power, enabling you to work on beats whether you're in an airport, hotel lobby or at home in the studio.



ROLAND/
BOSS
GROOVE
GEAR

SP-505 Groove Sampling Workstation



P.011

P.012

Slice, Dice and All-Around Freak Your Samples.



REAR VIEW



PRESET SAMPLE (64 SAMPLES)

- Bank 1: TR-808 set
Bank 2: Hip-Hop Drum set
Bank 3: TR-909 set
- Bank 4: Bass & Keyboards

PRESET PATTERN

- Hip-Hop (19)
House (11)
Techno (4)
- Drum'n'Bass (4)
Big Beat (2)

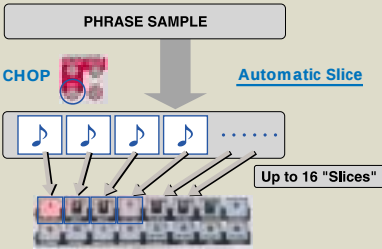
Eight Voices of CD-Quality Sampling

Don't let its small size fool you. The SP-505 is a professional-quality phrase sampler with specs comparable to high-end rack machines. It's got eight voices of 44.1kHz sampling—enough to program beats or produce entire tracks using loops. And editing samples is easy, thanks to a large graphic display. Coaxial and Optical Digital inputs let you record directly from digital sources such as CD/MD players or DAT. And to get you started, the SP-505 includes 64 ROM Tones like drums, bass sounds and synths which can be triggered from the pads and used in your own sequences.



Cool Sample Editing Functions

The SP-505 includes three powerful functions for editing your samples: Chop, Pitch and BPM Sync. Chop automatically divides a loop into individual samples, similar to popular computer software. These "slices" are then automatically mapped to the pads, enabling you to re-arrange them at will. The Pitch function makes it possible to re-pitch a sample chromatically for playing samples as you would on a keyboard. Finally, BPM Sync makes getting your loops together as simple as pushing a few buttons.



4-Part Sequencing with Adjustable Swing

Whether you want to program beats with Chopped samples, or complete tracks using a combination of samples and ROM Tones, the SP-505's 4-part sequencer will get the job done. It's got four tracks and a 15,000-note memory capacity, so you can program complete arrangements with a single piece of gear! There's even a Swing function for creating drum grooves with plenty of soul. Live performers will appreciate the Pattern Select feature, which lets you change patterns by pressing the 16 sample pads.

Resampling, .WAV Compatibility and More

26 groove effects can be applied to any sample and then re-sampled to another pad. These high-quality effects include a new Vinyl Simulator, plus favorites like Isolator, Filter+Drive, Slicer, Reverb, Tape Echo and more—all of which can be controlled in real time using the SP-505's knobs. And when more sampling time is needed, simply insert an optional SmartMedia card (up to 128MB), which can be used to store samples, sequencer data or to import .WAV /AIFF files from a computer*.

*Requires SmartMedia adapter or PCI adapter card.



WHAT EVERYONE WILL BE USING.



Affordable Phrase Sampling for DJs and Musicians.



REAR VIEW



EFFECT ALGORITHM LIST

FILTER + DRIVE PITCH DELAY VINYL SIM. ISOLATOR REVERB	TAPE ECHO CHORUS FLANGER PHASER TREMOLO/PAN DISTORTION	OVERDRIVE FUZZ WAH OCTAVE COMP EQUALIZER	LO-FI NOISE GEN. RADIO TUNING SLICER RING MOD. CHROMATIC PS	VOICE TRANS. C.CANCELER
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Professional Specs

While the SP-303 is easily the most affordable phrase sampler on the market, its professional sound and specs are on par with far more expensive models. Up to eight mono samples can be triggered at once—even when sampling using the “Standard” 44.1kHz recording mode. Two additional recording modes are provided for additional sampling time or to create “Lo-Fi” effects.

Sequencing, Effects Processing and More

An onboard pattern sequencer lets you arrange loops and phrases while playing to an internal metronome; a Quantize function automatically corrects your timing. And unlike the limited memory of other phrase samplers, the SP-303’s sequencer can store up to 7,500 notes. You can also add effects to samples (or a live input) and resample the result to another pad. 26 groove-centric effects are provided including reverb, flanger, delay, and Voice Transformer—plus wicked distortion, filter, Slicer, Isolator, Lo-Fi, and Vinyl Simulator effects.

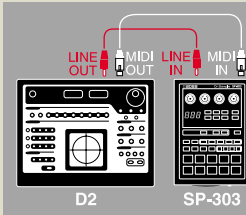
SmartMedia Compatible

The SP-303 is the only low-cost phrase sampler with a SmartMedia slot for expanding the internal sampling time or backing up data. For example, using an optional 64MB SmartMedia card, you can expand the SP-303’s sampling time up to 200 minutes when sampling in Lo-Fi mode. You can even store .WAV/AIFF files from your computer to SmartMedia cards and import them into the SP-303*. This gives you access to the many sampling libraries available in these popular audio formats.

*Requires SmartMedia adapter or PCI adapter card.

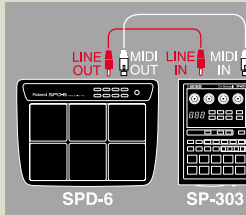
Cool Combos

[SP-303 + D2]



Pair up the SP-303 and D2 Groovebox for a killer remix studio capable of busting out beats, synth sounds and samples.

[SP-303 + SPD-6]



Connect an SPD-6 Percussion Pad to the SP-303 for a more “hands-on” way of triggering samples—great for live performance!

Create

and

Innovate

The "Do-It-All" Sampling Studio.



REAR VIEW



EFFECT ALGORITHM LIST

Isolator & Filter Center Canceler Stereo Dynamics Processor Reverb & Gate EZ Delay Delay RSS	Analog Delay & Chorus Digital Chorus 4-Button Chorus 320Tape Echo 201 Vintage Flanger 325 2 x BOSS Flanger	Stereo Pitch Shifter 80's Phaser Stereo Auto Wah Guitar Multi Vocal Multi Voice Transformer	Mic Simulator Vocoder
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Massive Zip-Based
Sampling/4-Track Recording

With its internal Zip250 drive, the SP-808EX offers an unprecedented 61 minutes of CD-quality recording (122 minutes in mono) to any of its sample pads or four stereo audio tracks. Up to 1,024 samples can be instantly accessed from any of 16 pads and 64 pad banks; audio is easily moved from the pads to a track for mixing down complete with effects. Whether you work with loops or live instruments, the SP-808EX is all you need to produce finished tracks.

A Full-Blown Effects Processor

Half the reason to own as SP-808EX is for its incredible range of effects. You'll find 298 patches (149 Preset, 149 User) based on 25 mind-blowing algorithms from the Roland/BOSS effects vault. Studio-quality reverb, flanger, vintage phaser, tape echo, Voice Transformer, Lo-Fi, Isolator and filter—you'll find it all in the SP-808EX. There's also new Guitar and Vocal Multi's including COSM™ Guitar Amp and Microphone Modeling. Best of all, these effects can be applied to samples, audio tracks or live inputs and are easily modified with the knobs.

Onboard V-Synth™, Step
Modulator and Dual D-Beams

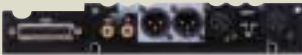
An onboard DSP monosynth gives you sounds ranging from fat analog bass to techno sequences and more. Play the V-Synth using the Step Modulator or dual D-Beam Controllers. The Step Modulator is patterned after vintage step sequencers and lets you create complex synth lines or effects changes by setting values for each of its 16 steps. The dual D-Beams, on the other hand, allow more spontaneous control—just move your hand over the infrared beam of light to play the V-Synth, trigger samples, create filter sweeps and more.

Expandable I/O and Free Wave
Conversion Software

The SP-808EX can be customized with a choice of optional expansion boards. Featuring individual track outputs, coaxial and optical I/O, and a SCSI port, the SP-808-OP1 is a great choice when connecting to external effects or mixers. On the other hand, the SP-808-OP2's balanced XLR inputs and outputs, coaxial I/O, and SCSI port make it ideal for broadcast and live applications. And with free wave conversion software, you can convert SP-808EX samples to .WAV or AIFF format (or vice-versa) via Zip disk with your computer.



SP-808OP1



SP-808OP2



EF-303 GROOVE EFFECTS

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Roland®

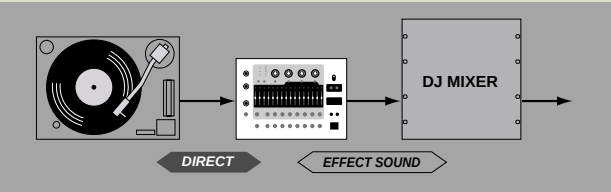


Roland's Most Popular DJ Effects—To Go.



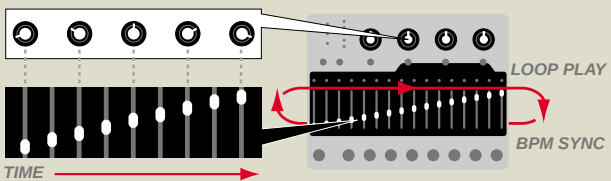
Powerful DSP Effects for Stage and Studio

The EF-303 gives DJs, remixers and other musicians convenient tabletop access to 16 of Roland's best effects algorithms. These effects can be synchronized to BPM and include everything from reverb, flanger and delay to cutting-edge Groove effects like filter, Isolator, Slicer, Lo-Fi and Voice Modulator. They can also be applied to three different frequency bands for maximum impact. A built-in DSP monosynth can be used to kick out anything from bass and acid sounds to analog drums. Wicked, indeed.



Step Modulator for Insane FX Programming

Using the Step Modulator, you can program the DSP synth or create complex effects changes impossible to achieve by hand. Just use the EF-303's sliders to set parameter values for each of the 16 steps. Imagine being able to precisely sequence the resonance of a flanger, or make the Isolator cut the bass in time with the rhythm. (Keeping the beat is easy, thanks to an automatic BPM counter.) The Step Modulator also functions as a vintage step sequencer when connected to external MIDI gear.



Intuitive, Analog-Style Control

Every aspect of the EF-303 was designed for ease of use, from its large BPM display and luminous function buttons to its 16 sliders. Four dedicated knobs make it easy to modify anything from filter cutoff to flanger depth. And with the popular Grab switch, DJs can tweak their sound rhythmically—much like transforming—or lock an effect to a particular setting. Syncing up MIDI gear like a Groovebox™ is also a snap, thanks to front panel MIDI Start/Stop controls.

DJ-Friendly Design

The EF-303's rear panel provides a choice of inputs including a 1/4-inch Microphone input and a stereo RCA input, selectable for phono or line sources. A convenient grounding post makes it possible to connect a turntable directly without need for a DJ mixer. DJs will also appreciate the EF-303's Effect Cue function, which makes it possible to preview effects in headphones before sending it out to the main mix. So whether you're a DJ or producer, the EF-303 gives you the creative edge.

REAR VIEW

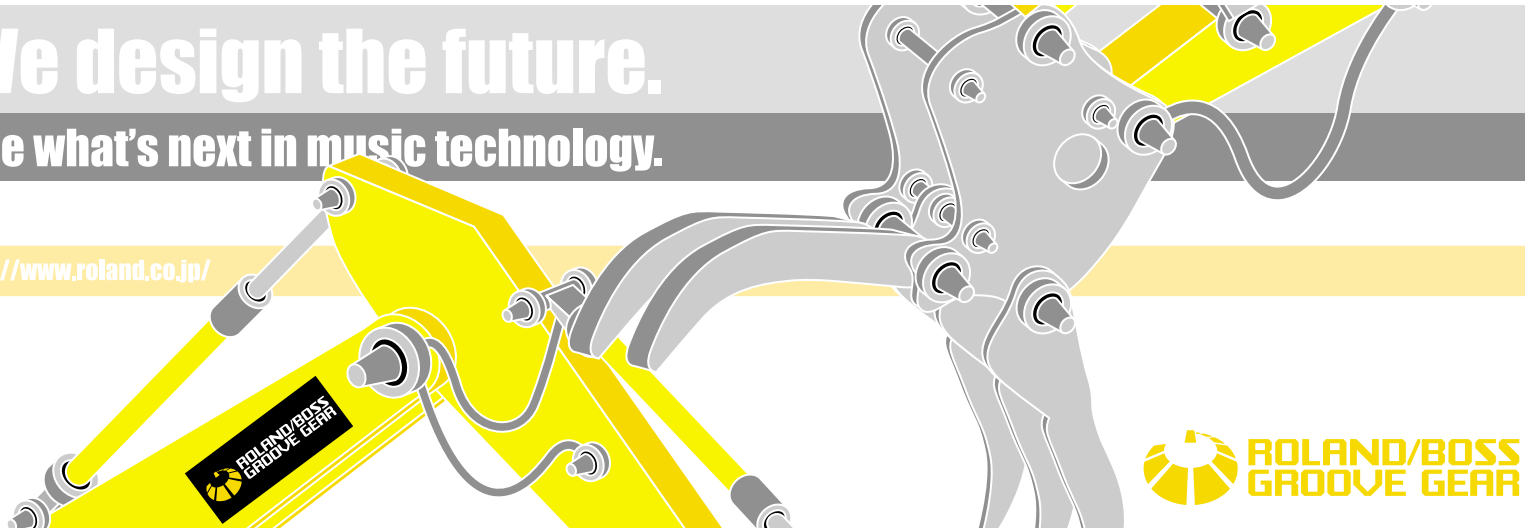


EFFECT ALGORITHM LIST

Filter	Delay+Pan	Slicer+Pan	Ring Modulator	Voice Modulator	Synth Rhythm
Isolator	Reverb	Compressor	Phaser	Synth+Delay	
Flanger	Pitch+Delay	Lo-Fi	Voice	Synth Bass	

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See what's next in music technology.

<http://www.roland.co.jp/>



ROLAND/BOSS
GROOVE GEAR

VP-9000 VARIPHASE™ PROCESSOR

Roland®

P.019

Breaking the Rules of Audio Processing!

VariPhrase
*VariPhrase technology patent pending



Not Your Ordinary Sampler

The VP-9000 breaks all the limitations of conventional sampling by offering realtime control over the fundamental elements of sound: Pitch, Time and Formant/Groove. Now you can automatically sync six different samples to the same BPM and musical key, changing them at will with the twist of a knob. You can also "re-play" vocals on a MIDI keyboard, creating new melodies and harmonies as the sample plays. And since everything can be locked to MIDI clock, remixing is now more fluid and easier than ever before.

Features That Matter

With its standard 8MB memory (expandable to 136MB with optional SIMMs), the VP-9000 has plenty of sampling time for remixing and producing tracks. An internal Zip250 drive offers convenient sample and data storage; it also makes transferring VP-9000 audio files to a Mac or PC simple. And while you're likely to sample your own sounds, you'll appreciate being able to import Roland S-700 and Akai S1000/S3000 samples via SCSI. The VP-9000 is also loaded with plenty of I/O including six analog outputs, plus digital connections.

V-Producer VPD-1W for Windows VPD-1A for Macintosh

Roland®

Easy Software Control for the VP-9000!



A Complete VariPhrase Studio

With V-Producer, you get powerful software control of up to six VP-9000's. That's 36 tracks of VariPhrase which can be edited and mixed on a Mac or PC! Use V-Producer's Phrase Scope window to precisely adjust Pitch, Time and Formant using an intuitive piano roll-style interface—all in real time while the phrase plays back. There's also a Mixer window with graphic editing of the VP-9000's internal effects. And V-Producer syncs to popular sequencing programs, enabling you to create an integrated VariPhrase production studio right on your computer.

More Ways to Groove

Roland® BOSS®

P.020



XP-30 64 VOICE EXPANDABLE SYNTHESIZER

The XP-30 makes a great MIDI keyboard controller and sound source, thanks to its 61-note keyboard with velocity and aftertouch. It comes stock with Roland's popular "Session," "Orchestral" and "Techno" expansion boards and has room for two additional SR-JV80-Series boards.



XV-5080 128 VOICE SYNTHESIZER MODULE

The XV-5080 gives you 64MB of high-quality internal sounds, plus the ability to load Roland/Akai sample libraries using optional SIMM memory. Powerful effects processing—including COSM™ and 24-bit reverb—plus room for eight expansion boards round out this monster synth module's features.



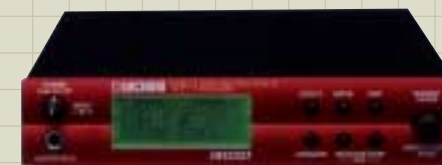
SR-JV80-SERIES WAVE EXPANSION BOARDS

With nearly 20 titles, the Roland SR-JV80-Series is one of the largest sound libraries around. This expansive collection offers musicians genre-specific boards—such as Hip-Hop, House, Techno and many others—that can be user-installed into a variety of Roland keyboards and modules.



VT-1 VOICE TRANSFORMER

The VT-1 offers easy slider-based control over a voice's pitch and formant. What this means is you can literally change gender without sounding like a chipmunk. A special Robot feature creates cool vocoder-type sounds, while digital Reverb is provided for extra ambience.



VF-1 24-BIT MULTIPLE EFFECTS PROCESSOR

Looking for red-hot effects? The half-rack VF-1 is arguably the best value in multi-effects processors. It's got 400 patches based on over 20 years of Roland and BOSS effects know-how. From Groove effects to COSM™ Guitar Amp and Microphone Modeling, the VF-1 belongs in your studio.



HPD-15 HANDSONIC™

This electronic percussion multi-pad uses V-Drums® triggering technology to precisely emulate the feel of acoustic percussion instruments such as congas, bongos and more. 600 percussion sounds are provided, along with a handy sequencer, dual ribbon controllers, and the light-sensing D-Beam.



SPD-6 PERCUSSION PAD

Whether you want to add percussion to your live performances or program rhythm tracks in the studio, the affordable SPD-6 Percussion Pad is the way to go. This compact and easy-to-use 6-pad controller features hand and drum stick compatibility, 113 onboard sounds and MIDI output.



CDX-1 DiscLab™

Want to create custom mix CDs? Or maybe original tracks using samples and audio? Do it the easy way with the CDX-1! It's the world's first audio workstation that records directly to an internal CDRW drive. And with onboard phrase sampling similar to the SP-808EX, the DiscLab™ is all you need to get your music on CD.

SPECIFICATIONS

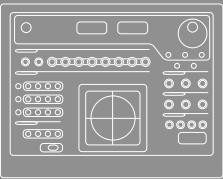
Roland® BOSS®



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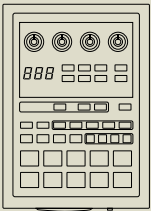
P.022

D2



• **Max. Polyphony** 64voices • **Parts** main: 8 + RPS: 8 • **Patches** Preset: 600, User: 256 • **Rhythm set** Preset: 30, User: 20 • **Effects** Reverb: 6, Delay: 2, MFX: 25 <**Sequencer**> • **Tracks** 8 • **Resolution** 96 TPQN • **Tempo** 20.0 - 240.0 (max.) • **Max. Note Storage** about 40,000 notes • **Patterns** Preset: 157, RPS: 232, User: 100 • **Songs** 25 • **Recording Method** New Step REC, D-Field REC • **Arpeggiator** Preset: 43, User: 10 • **Real-time Quantize** GRID/SHUFFLE/GROOVE • **RPS Set** 30 • **Pattern Set** 20 • **MEGAMIX Set** 20 • **Display** 7-segment 3-character(LED) • **Controller** D-Field Controller • **Connectors** Headphones (STEREO mini type), Output (L, R, : RCA TYPE), MIDI (IN, OUT) • **Power Supply** AC Adaptor DC9V • **Current Draw** 1000mA • **Dimensions** 325 (W) x 256 (D) x 55 (H) mm (12-13/16" x 10-1/8" x 2-3/16") • **Weight** 1.4kg/3lbs 2oz • **Accessories** AC Adaptor (ACI series or PSB-1U)

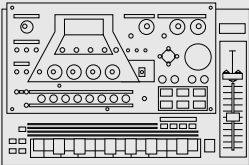
SP-303



• **Max. Polyphony** 8 voices • **Internal Memory** Samples: 16 (8 samples x 2 banks), Patterns: 16 (8 patterns x 2 banks), • **Expansion Card Memory (SmartMedia)** Samples: 16 (8 samples x 2 banks), Backup: 112 (2 banks x 7 sets), Patterns: 16 (8 samples x 2 banks), Backup: 112 (2 banks x 7 sets) *Only 8MB to 64MB SmartMedia with a power-source voltage of 3.3V can be used. • **Sample Rate** STANDARD: 44.1kHz, LONG: 22.05kHz, LO-FI: 11.025kHz • **Effects** 26 types <**Pattern Sequencer**> • **Max. Note Storage** Internal Memory: Approx. 7,500 notes, Memory Card (SmartMedia): Approx. 7,500 notes, • **Resolution** 96 TPQN • **Pattern Length** 1 to 99 measures • **Signal Processing** A/D Conversion: 20bit, D/A Conversion: 20bit • **Nominal Input Level** Input (mic): -40 to + 4dBu, Input (line): -10dBu • **Input Impedance** 23kΩ (line), 2kΩ (mic) • **Nominal Output Level** Output (line): -10dBu • **Output Impedance** 2kΩ • **Display** 7 segments, 3 characters (LED) • **Connectors** LINE INPUT Jacks (L, R), LINE OUTPUT Jacks (L, R), Headphone (PHONES) Jack, MIC Jack, MIDI IN Connector, AC Adaptor Jack, Memory Card Slot • **Power Supply** AC Adaptor • **Current Draw** 1000mA • **Dimensions** 170 (W) x 241 (D) x 67 (H) mm, 6-3/4 (W) x 9-1/2 x 2-11/16 (H) inches • **Weight** 850g/1lb 14oz (excluding AC adaptor) • **Accessories** AC Adaptor

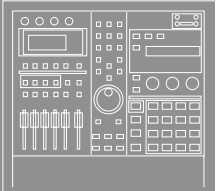
*0dBu = 0.775Vrms

MC-307



• **Max. Polyphony** 64 voices • **Parts** 24 (Main 8 + RPS 16) • **Patches** Preset: 800, User: 256 • **Rhythm Set** Preset: 40, User: 20 • **Effects** Reverb (6 types), Delay (2 types), EFX (25 types) <**Sequencer**> • **Track** 8 + Mute Control Track • **Resolution** 96 TPQN • **Tempo** 20.0 to 240.0 (Maximum) • **Max. Note Storage** approx. 95,000 notes • **Patterns** Preset: 240, RPS: 470, User: 200 • **Songs** 50 • **Recording Methods** Realtime, TR-REC • **Arpeggiator** Preset: 43, User: 10 • **Quantize** Grid, Groove (71 types), Shuffle • **RPS Set** 60 • **Pattern Set** 30 • **Display** 136 x 32 dots backlit, Graphic LCD, 7-segment LED 4-line • **Realtime Controller** Volume Knob Control Knobs: Cutoff, Resonance, LFO, Assignable 1 to 4, Turntable Emulation Slider, Hold/Push Switch, Grab Switch, Value Dial • **Connectors** Headphones, MIX Output (L/MONO, R), Foot Control, MIDI (IN, Out), DC In • **Power Supply** AC Adaptor • **Current Draw** 1000mA • **Dimensions** 422 (W) x 277 (D) x 98 (H) mm (16-5/8" x 10-15/16" x 3-1/2") • **Weight** 2.2kg/4lbs 14oz • **Accessory** AC Adaptor

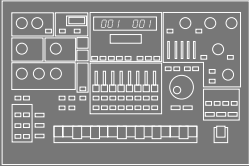
SP-808EX



• **Max. Polyphony** Stereo x 4 (Total) • **Internal Memory** Setup: 1 • **Zip disk** Song: 64, Sample Bank: 64, Sample: 1,024, Effect Patch: 149 Presets, Users: 149 • **No. of Tracks** Stereo Track x 4 • **Simul. Recordable Tracks** 1 stereo pair of tracks • **Sample rate** 44.1kHz / 32.0kHz (When Vari-Pitch is off.) • **Track Recording Method** Event Recording (Realtime, Step), Audio Recording • **No. of Recordable Events** Approx. 2,000 Phrase Events per song • **Signal Processing** AD Conversion: 20bit, 64 times oversampling, DA Conversion: 20bit, 128 times oversampling, Internal Processing: 24bit (Digital Mixer section) • **Nominal Input Level** Mic: -50 to 20dBu, Line In, AUX In: -10 to +4dBu • **Input Impedance** Line, AUX In: 47kΩ, Mic: 100kΩ • **Nominal Output Level** AUX Send, Master Out: -10dBu • **Output Impedance** AUX Send, Master Out: 2kΩ, Headphones: 10Ω • **Display** 69.0 x 25.0mm (backlit LCD) • **Disk Drive** Zip Disk Drive (250MB) • **Connectors** Mic Input (1/4" phone), Line Input L, R (RCA phono), AUX Input L, R (RCA phono), Master Output L, R (RCA phono), AUX Output L, R (RCA phono), Headphones (Stereo 1/4" phone), Footswitch (1/4" phone), MIDI (IN, OUT/THRU) • **Power Supply** AC 117/230/240V • **Power Consumption** 21W • **Dimensions** 394 (W) x 343 (D) x 100.5 (H) mm / 15-9/16" x 13-9/16" x 4 • **Weight** 4.3kg/ 9lbs 8oz (excluding SP808-OP1/-OP2) • **Options** Multi I/O Expansion SP808-OP1, SP808-OP2

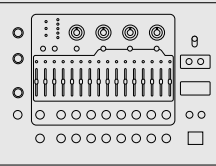
*0dBu = 0.775Vrms

MC-505



• **Max. Polyphony** 64 voices • **Parts** 24 Parts (Main: 8 + RPS: 16) • **Patches** Preset: 512, User: 256, Card: 512 • **Rhythm Set** Preset: 26, User: 20, Card: 20 • **Effects** Reverb, Delay, EFX (24 types) <**Sequencer**> • **Track** 8 + Mute Ctrl Track • **Resolution** 96 TPQN • **Tempo** 20.0–240.0 (Maximum) • **Max. Note Storage** Internal: approx. 95,000 notes, Card (Option: 2MB): approx. 220,000 notes, Card (Option: 4MB): approx. 480,000 notes • **Patterns** Preset: 248, RPS: 466, User: 200 (Maximum), Card: 200 (Maximum) • **Songs** 50 • **Arpeggiator** 53 Style • **Quantize** Grid, Groove (71 types), Shuffle • **RPS Set** 60 • **Pattern Set** 30 • **Display** LCD: 16 characters, 2 lines, 7 Segment LED: 6 characters, Beat LED • **D-Beam Controller** 28 Types • **Connectors** Mix Output Jack (L (MONO), R), Direct Output Jack 1 (L (MONO), R), Direct Output Jack 2 (L (MONO), R), Headphone Jack, MIDI Connectors (IN, OUT), Foot Control Jack, Memory Card Slot, AC Inlet • **Power Supply** AC117V, AC230V, AC240V • **Power Consumption** 15W (AC117V, AC230V, AC240V) • **Dimensions** 462 (W) x 320 (D) x 110 (H) mm, 18-3/16 x 12-5/8 x 4-3/8 inches • **Weight** 5kg/11lbs 1oz • **Accessories** AC Cord, Card Protector

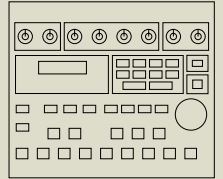
EF-303



• **Effects** 16 • **Step Modulator** Track: 1, Steps: 16 (MAX), Resolution: Triplet 16th note (Internal: 480 TPQN), Tempo: Quarter note = 20 - 240 • **Patch Memory** 16 (effect + Step Modulator) • **AD Conversion** 20bit linear (64 times oversampling) • **DA Conversion** 20bit linear (128 times oversampling) • **Sampling Frequency** 44.1kHz • **Frequency Response** 20Hz - 20kHz +/- 1dB (Typ.) (Input gain = MAX, Input level = -20dBu) • **Rated Input Level** INPUT (LINE): -20dBu, INPUT (PHONO): -55dBu, INPUT (MIC): -50dBu • **Input Impedance** INPUT (LINE): 64kΩ, INPUT (PHONO): 64kΩ, INPUT (MIC): 2.7kΩ • **Rated Output Level** OUTPUT: -20dBu • **Output Impedance** OUTPUT: 600Ω, PHONES: 100Ω • **Residual Noise Level** (Input terminated with 150Ω, IHF-A, Typ.) LINE: -88dBu, PHONO: -80dBu, MIC: -82dBu • **Connectors** INPUT (LINE/PHONO): RCA type(L/R), INPUT (MIC): 1/4" TRS phone (UNBAL), OUTPUT: RCA type (L/R), PHONES: Stereo 1/4" phone, MIDI (IN/OUT), DC IN for AC Adaptor, GND Terminal • **Power Supply** AC Adaptor DC 9V • **Current Draw** 600mA • **Dimensions** 303 (W) x 235 (D) x 92.5 (H) mm,11-15/16(W) x 9-1/4(D) x 3-11/16 (H) inches • **Weight** 1.9kg /4lbs 9oz (excluding AC adaptor) • **Accessories** Marking Stickers, AC Adaptor

*0dBu = 0.775Vrms

DR-202



• **Max. Polyphony** 24 voices • **Instruments** 256 (Drum 207, Bass 49) • **Rhythm Kits** Preset: 128, User: 64 • **Patterns** Preset: 400, User: 100 • **Effects** Reverb (8 types)/ Delay (2 types), Flanger (4 types) <**Sequencer**> • **Track** 3 • **Resolution** 96 TPQN • **Tempo** 40.0 to 250.0 BPM • **Max. Note Storage** 14,000 notes • **Songs** 20 (incl. 1 demo song, up to 999 patterns per song.) • **Display** 16 character, 2 line LCD • **Connectors** Line Out (L, R), Phones, Footswitch, MIDI (In, Out), DC In • **Power Supply** DC9V Dry Batteries (LR6 [AA] x 6), AC Adaptor (PSA Series, optional) • **Current Draw** 200mA • **Dimensions** 258 (W) x 221 (D) x 85 (H) mm (10-3/16" x 8-3/4" x 3-3/8") • **Weight** (incl. batteries) 1.1kg (2lbs. 7oz.) • **Accessory** Dry Battery (LR6 [AA]) x 6

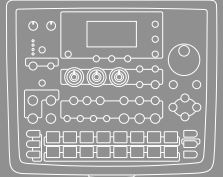
VP-9000



• **Max. Polyphony** 6 voices • **Internal Memory** Performance: 1, Phrase maps: 12 samples (for each part), Samples: 1024, Wave memory (RAM): 8MB (can be expanded up to 136MB with SIMMs) • **Sample Rate** 48, 44.1, 32kHz (when sampling or playback), 48, 44.1, 32, 30, 24, 22.05, 16, 15, 11, 8kHz (when importing), 44.1kHz (Internal) • **Effects** Reverb: 9 sets, Chorus: 1 set (8 types), Multi: 40 sets • **Signal Processing** AD Conversion: 20bit, DA Conversion: 20bit, Internal Processing: 24bit linear • **Nominal Input Level** AUDIO IN (front): -10dBu (REC LEVEL: MIN) to -50dBu (REC LEVEL: MAX), STEREO INPUT (rear): +4, -10, -20dBu (selectable with a gain switch) • **Input Impedance** AUDIO IN (front): 10kΩ, STEREO INPUT (rear): 10kΩ • **Nominal Output Level** MAIN OUT (L (MONO), R), Balanced: +10dBu, Unbalanced: +4dBu, DIRECT OUT 1/2 (L, R), Balanced: +10dBu, Unbalanced: +4dBu • **Output Impedance** Balanced: 2kΩ, Unbalanced: 1kΩ • **Display** 240 x 64 dots (backlit LCD) • **Disk Drive** Zip Disk Drive (250MB) • **Connectors** Headphones Jack (stereo 1/4" phone), Audio In Jacks (1/4" phone, TRS balanced), Digital Audio Interface (conforms to S/P DIF), OPTICAL Connectors (IN, OUT), COAXIAL Connectors (IN, OUT), SCSI Connectors, SCSI-A: DB-25 type, SCSI-B: Full pitch 50 pins type, MIDI Connectors (in, out, thru), Stereo Input Jack (1/4" phone, TRS balanced), Output Jacks (1/4" phone, TRS balanced), MAIN OUT (L (MONO), R), DIRECT OUT 1 (L, R), DIRECT OUT 2 (L, R) • **Power Supply** AC 117V, AC 230V or AC 240V • **Power Consumption** 25W • **Dimensions** 482 (W) x 302 (D) x 87.8 (H) mm, 19 (W) x 11-15/16 (D) x 3-1/2 (H) inches (EIA-2U rack mount type) • **Weight** 5.4kg/11lbs 15oz • **Accessories** Power Cable, Demo Zip disk, Sound Library CD-ROM

*0dBu = 0.775Vrms

SP-505



• **Max. Polyphony** 8 notes • **Internal Memory** Samples: 250 (16 banks) • **Expansion Card Memory** Samples: 256 (16 banks) • **Sample Rate** STANDARD: 44.1kHz, LONG: 22.05kHz, LO-FI: 11.025kHz • **Track Recording Methods** Event recording (Realtime/Microscope Edit), Audio Recording • **No. of Recordable Events (pad operations)** Approximately 15,000 events • **Signal Processing** AD conversion: 20bit, DA conversion: 20bit • **Nominal Input Level** Input (line): -10dBu, Input (mic): -55 to -25dBu • **Input Impedance** 50kΩ (line), 2kΩ (mic) • **Nominal Output Level** Output (line): -10dBu • **Output Impedance** 2kΩ • **Display** 128 x 64 pixels, Graphic LCD with backlight • **Connectors** PHONES jack (Stereo 1/4" phone), MIC jack (1/4" phone), LINE OUT jacks L/R (RCA phono), LINE IN jacks L/R (RCA phono), DIGITAL IN connectors (optical/coaxial), FOOT SW jack (1/4" phone), MIDI connectors (IN/OUT), AC Adaptor jack (AC 14V) • **Power Supply** AC Adaptor (BRC series) • **Current Draw** 800mA • **Dimensions** 298 (W) x 254 (D) x 64 (H) mm, 11-3/4 (W) x 10 (D) x 2 -9/16 (H) inches • **Weight** 1.4kg/ 3lbs 2oz (excluding AC Adaptor) • **Accessories** AC Adaptor (BRC series)

*0dBu = 0.775Vrms

Sampling Time (Mono) *Times Approximate

SP-505

Recording Mode	Sample Rate	Internal	SmartMedia card (Optional)				
			8MB	16MB	32MB	64MB	128MB
STANDARD	44.1kHz	2min.	4min.	8min.	16min.	32min.	64min.
LONG	22.05kHz	5min.	8min.	16min.	32min.	64min.	129min.
LO-FI	11.025kHz	17min.	24min.	49min.	98min.	197min.	395min.

SP-303

Recording Mode	Sample Rate	Internal	SmartMedia card (Optional)			
			8MB	16MB	32MB	64MB
STANDARD	44.1kHz	31sec.	4min.	8min.	16min.	33min.
LONG	22.05kHz	63sec.	8min.	16min.	33min.	66min.
LO-FI	11.025kHz	190sec.	25min.	50min.	101min.	202min.

SP-808EX

Media	Sample Rate	Sampling Time
Zip disk	44.1kHz	122min.
250MB	32.0kHz	169min.